PTO/SB/08a/b (07-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Si	ubstitute for form 1449A/B/P	το		Complete if Known		
•	abstitute for form 14407407	. •		Application Number	10/814,157-Conf. #7366	
ı	NFORMATIO	N DI	SCLOSURE	Fiting Date	April 1, 2004	
•	STATEMENT	BY /	APPLICANT	First Named Inventor	Ryuji KAWAGUCHI	
				Art Unit	2838	
	(Use as many si	neets as	s necessary)	Examiner Name	E. H. Tso	
Shee	1 1	of	1	Attorney Docket Number	0879-0438PUS1	

U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Initials*	No.1	Number-Kind Code ² (if known) MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
ET	AA*	US-5,635,813-A	06-03-1997	Shiga et al.		

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	١.		
	No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. 'Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Population is attached.**

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner Signature	/Edward Tso/	Date Considered	06/06
			B 4 C \ A / / L- l

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08a/b (07-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE respond to a collection of information unless it contains a valid OMB control number.

Sub	stitute for form 1449A/B/	PTO		Complete if Known			
				Application Number	10/814,157-Conf. #007366		
- IN	IFORMATIC	N DI	SCLOSURE	Filing Date	April 1, 2004		
S	TATEMENT	BY A	APPLICANT	First Named Inventor	Ryuji KAWAGUCHI		
				Art Unit	N/A		
	(Use as many :	sheets as	necessary)	Examiner Name	Not Yet Assigned		
heet	1	of	1	Attorney Docket Number	0879-0438PUS1		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	

FOREIGN PATENT DOCUMENTS							
Evenine	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,		
Examiner Initials*	No.'			Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear		
ET	ВА	JP-2001-222991-A	08-17-2001			1	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Drew line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner Signature	/Edward Tso/	Date 06/06 Considered	
			_

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

Form Pl	O-1449			ATTY. DOCKET NO. 0879-0438PUS1		NEW	ON NO.			
ı	NFORM	ATION DISCLO			APPLICANT Ryuji KAWAGUCHI et al.					
	C	Use several sheets	if necessa:	ry)	FILING DATE April 1, 2004					
			Ŭ	.S. PATENT D	OCUMENTS		<u> </u>			
EXAMINER INITIAL	DOCUMENT NUMBER Kind DATE			DATE	NAME	CLASS	SUB CLASS	FILIN IF APP	G DATE ROPRIATE	
						-				
		· · · · · · · · · · · · · · · · · ·						<u> </u>		
								1		
						-	<u> </u>			
		 	FOR	EIGN PATENT	DOCUMENTS	<u> </u>	<u> </u>	<u> </u>		
	056:	DOC! BYEND				CLASS	SUB TRA		LATION	
	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	(2.33	CLASS	YES	NO	
ET	JP	2000-022578	A	2000-01-21	JAPAN			ABS		
ET	JP	5-135804	A	1993-06-01	JAPAN			ABS		
						<u> </u>				
										
						-	 			
						-	<u> </u>			
			. <u>.</u>			 	<u> </u>			
OTHER	DOCUI	MENTS (Include Namum, catalog, etc.) date.	of the author page(s), vol	or (in CAPITAL LETTERS), t ume-issue number(s), publi	itle of the article (when approplater, city and/or country where	riate), til	tle of the it	em (book,	magazine,	

	,									
EXAMINER		/Edward Tso/				/06				
EXAMINER: In considered.	itial if cita Include cop	ation considered, whethe y of this form with next	r or not cita communication	tion is in conformance wit n to applicant.	h M.P.E.P. 609; Draw line throug	h citation	if not in co	nformance	and not	